

Tim A. Pobst

Education

- 2004-2011 **Master's of Science**, *University of Tennessee*, Knoxville, TN, *Environmental Engineering*.
Thesis Title: "Statistical Analyses on Legacy Data of the GRSM Park-wide Stream Survey"
Major Professor: Dr. John S. Schwartz
- 2011-2014 **Bachelor's of Science**, *University of Tennessee*, Knoxville, TN, *Civil Engineering*.

Engineering Experience

- 2011-2014 **Graduate Student Researcher**, *University of Tennessee*, Knoxville, TN.
Water Quality Laboratory supervised by Dr. John S. Schwartz
- Managed a database of stream quality measurements for 43 sites in the Great Smokey Mountains National park (GRSM).
 - Managed field operations for the GRSM, Noland Divide monitoring station: a remote study site for atmospheric pollutant deposition, soil biogeochemistry, and watershed transport.
- 2010-2011 **Water Resources Group Leader**, *University of Tennessee*, Knoxville, TN.
Senior Design Class for the Civil and Environmental Engineering Department
- Planned and designed storm water drainage system for TDOT project in Farragut, Tennessee
 - Estimated flow capacity for creek and US70/11 bridge crossing and culverts.

Extracurricular Experience

- 2012- **Coach**, *University of Tennessee*, Knoxville, TN, Women's Ultimate Frisbee .
Run the practices and coach the tournaments
- Teach strategies and techniques to all levels of experience, while analyzing strengths and weaknesses for a competitive team.
 - Collaborate with other players/coaches of different views and experiences to strengthen the team.
 - Remain calm and practice patience constantly.
- 2006-2007 **Resident Assistant**, *University of Tennessee*, Knoxville, TN.
Assisted 38 male freshmen
- Fostered a community supportive to academic achievement, responsible decision making.
 - Promoted community through planned and spontaneous social and educational programs.
 - Mediated conflicts and educated residents about their responsibilities.

Computer skills

Programming Python

Statistics SAS, JMP, SPSS

Office L^AT_EX, Word, Excel, Power Point

Class use Win TR-55, HydroCAD, HEC-RAS, River 2-D, ArcGIS, AutoCAD

Honors & Awards

Boy Scouts of America, *Troop 135*, Franklin, TN.
Eagle Scout

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